

Analysis and Utilization of Conditioned and Blended Fuel Derived Coal Ash

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Abstract

Potential utilization of conditioned Coal Combustion Product (CCP) fly ash is of considerable interest in some situations, for example due to lack of availability of suitable virgin ash, although the effects of conditioning on the pozzolanic quality of the ash must be addressed.

Blended fuel derived fly ash is becoming increasingly common, although such ash falls strictly outside of some definitions of CCP fly ash for cement powder replacement applications.

This paper will present physical and chemical property analysis of both conditioned and blended fuel derived ashes which have been subjected to Microwave Carbon Burnout processing and will discuss their suitability in conventional ash applications.

Paper will be available for distribution at the conference